

PTO/SB/01 (09-04)

Approved for use through 07/31/2006. OMB 0651-0032

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐

Declaration  
Submitted  
With Initial  
Filing

OR

☒

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket  
Number

AB-1432 US

First Named Inventor

KIM, Hyun-Jae

COMPLETE IF KNOWN

Application Number

10/532,459

Filing Date

April 22, 2005

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF POLYCRYSTALLIZATION, METHOD OF MANUFACTURING POLYSILICON THIN FILM  
TRANSISTOR, AND LASER IRRADIATION DEVICE THEREFOR**

(Title of the Invention)

the specification of which

☐

is attached hereto

OR

☒

was filed on (MM/DD/YYYY)

April 22, 2005

as United States Application Number or PCT International

Application Number

10/532,459

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application<br>Number(s) | Country | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed  | Certified Copy Attached? |                                     |
|--|---------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|
|  |         |                                     |                          | YES                      | NO                                  |
| 10-2002-0064511                        | KR      | 10/22/2002                          | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

☐

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/81 (11-04)

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

|                        |                                  |
|------------------------|----------------------------------|
| Application Number     | 10/532,459                       |
| Filing Date            | April 22, 2005                   |
| First Named Inventor   | KIM, Hyun-Jae                    |
| Title                  | Method of Polycrystallization... |
| Art Unit               |                                  |
| Examiner Name          |                                  |
| Attorney Docket Number | AB-1432 US                       |

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

32605

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
|      |                     |
|      |                     |
|      |                     |
|      |                     |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

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OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

|                   |                |           |                  |
|-------------------|----------------|-----------|------------------|
| Signature         | Myung-woo KANG | Date      | October 31, 2005 |
| Name              | Myung-woo KANG | Telephone |                  |
| Title and Company |                |           |                  |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

|                        |                                  |
|------------------------|----------------------------------|
| Application Number     | 10/532,459                       |
| Filing Date            | April 22, 2005                   |
| First Named Inventor   | KIM, Hyun-Jae                    |
| Title                  | Method of Polycrystallization... |
| Art Unit               |                                  |
| Examiner Name          |                                  |
| Attorney Docket Number | AB-1432 US                       |

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

32605

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
|      |                     |
|      |                     |
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|      |                     |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

|                   |              |           |                  |
|-------------------|--------------|-----------|------------------|
| Signature         | Hyun-Jae KIM | Date      | October 31, 2005 |
| Name              | Hyun-Jae KIM | Telephone |                  |
| Title and Company |              |           |                  |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 2 forms are submitted.

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**DECLARATION — Utility or Design Patent Application**

|   |  |   |                  |   |
|---|--|---|------------------|---|
| Direct all correspondence to:   | <input checked="" type="checkbox"/> The address associated with Customer Number: | <u>32605</u>  | OR               | <input type="checkbox"/> Correspondence address below |
| Name  |  |   |                  |   |
| Address   |  |   |                  |   |
| City  |  | State   | ZIP              |   |
| Country   | Telephone  |   | Fax              |   |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. |  |   |                  |   |
| NAME OF SOLE OR FIRST INVENTOR:   |  | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                  |   |
| Given Name (first and middle (if any))  |  | Family Name or Surname  |                  |   |
| <u>Hyun-Jae</u>   |  | <u>KIM</u>  |                  |   |
| Inventor's Signature  |  |   | Date             |   |
| <u>Hyun Jae KIM</u>   |  |   | October 31, 2005 |   |
| Residence: City   | State  | Country   | Citizenship      |   |
| <u>Seongnam-city</u>  | <u>Kyungki-do</u>  | <u>Korea KRX</u>  | <u>Korea</u>     |   |
| Mailing Address   |  |   |                  |   |
| <u>Cheonggu Apt. 601-903, 123, Imae-dong, Bundang-ku, Seongnam-city, Kyungki-do, Korea</u>  |  |   |                  |   |
| City  | State  | Zip   | Country          |   |
| NAME OF SECOND INVENTOR:  |  |   |                  |   |
| Given Name (first and middle (if any))  |  | Family Name or Surname  |                  |   |
| <u>Myung-Koo</u>  |  | <u>KANG</u>   |                  |   |
| Inventor's Signature  |  |   | Date             |   |
| <u>Myung Koo KANG</u>   |  |   | October 31, 2005 |   |
| Residence: City   | State  | Country   | Citizenship      |   |
| <u>Seoul</u>  |  | <u>Korea KRX</u>  | <u>Korea</u>     |   |
| Mailing Address   |  |   |                  |   |
| <u>Misung Apt. 3-205, Sincheon-dong, Songpa-ku, Seoul, Korea</u>  |  |   |                  |   |
| City  | State  | Zip   | Country          |   |
| <input type="checkbox"/> Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.  |  |   |                  |   |

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